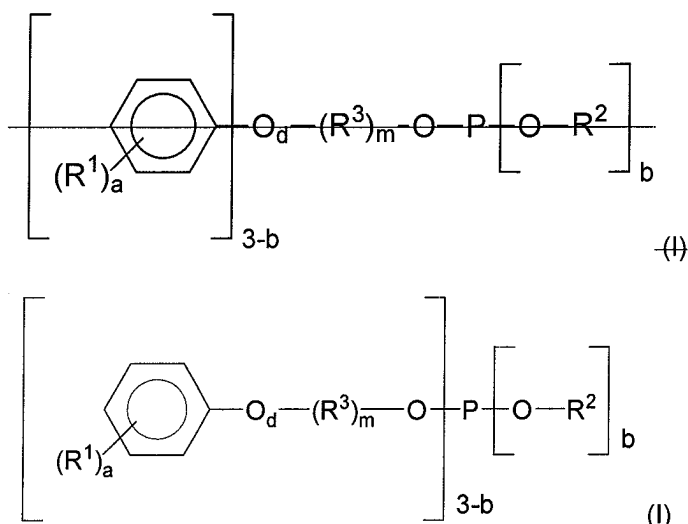


In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

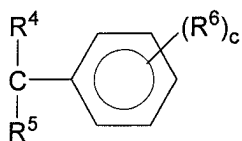
Listing of Claims:

1. (currently amended) A process for reducing phenol emissions from a polymer resin comprising the step of adding at least one phosphite additive of formula (I) to said resin, wherein said formula (I) comprises:



wherein

R¹ is



R² is selected from the group consisting of C₈₋₁₆ alkyls;

R³ is selected from the group consisting of C₁₋₄ alkyls alkylenes;

m is ~~an integral value ranging from 0 to 1 inclusive~~;

a is an integral value ranging from 1 to 4 inclusive;

b is an integral value ranging from 1 to 2 inclusive; and

R⁴ and R⁵ are independently selected from the group consisting of C₁₋₃ alkyls;

R⁶ is selected from the group consisting of C₈₋₁₂ alkyls and C₈₋₁₂ alkoxy

compounds;

c is an integral value ranging from 0 to 4 inclusive; and

d is equal to m.

2. (currently amended) The process of claim 1 wherein

R^2 is $C_{10}H_{21}$;

R^3 is selected from the group consisting of ethylene and propylene alkyls;

~~m~~ is 1;

a is 1;

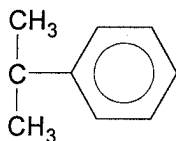
R^4 and R^5 are methyl;

c is 0; and

d is 1.

3. The process of claim 2 wherein

R^1 is

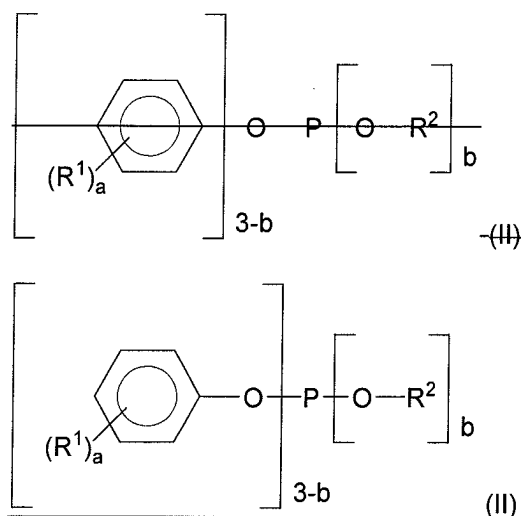


4. The process of claim 3 wherein said phosphite is selected from the group consisting of ethoxy-paracumylphenyl diisodecyl phosphite and propoxy-paracumylphenyl diisodecyl phosphite.

5. The process of claim 4 wherein said polymer resin is a halogenated resin.

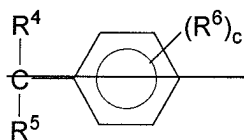
6. The process of claim 5 wherein said halogenated resin is polyvinyl chloride.

7. (currently amended) A process for reducing phenol emissions from a polymer resin comprising the step of adding at least one phosphite additive of formula (II) to said resin, wherein said formula (II) comprises:



wherein

R^1 is R^6



- R^2 is selected from the group consisting of C_{8-16} alkyls;
 a is an integral value ranging from 1 to 4 inclusive;
 b is an integral value ranging from 1 to 2 inclusive; and
 R^4 and R^5 are independently selected from the group consisting of C_{1-3} alkyls;
 R^6 is selected from the group consisting of C_{8-12} alkyls and C_{8-12} alkoxy compounds; and c
 c is an integral value ranging from 0 to 4 inclusive.

8. (currently amended) The process of claim 7 wherein

- R^2 is $\text{C}_{10}\text{H}_{21}$; and
 a is 1[[:]] c
 b is an integral value ranging from 1 to 2 inclusive;

R^4 and R^5 are methyl; and

ϵ is 0.

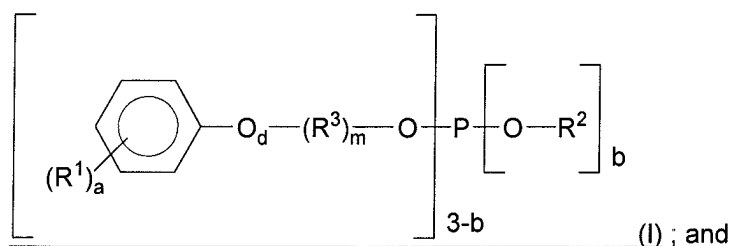
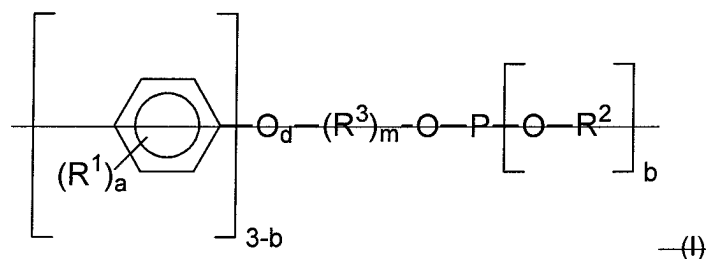
9. (deleted).

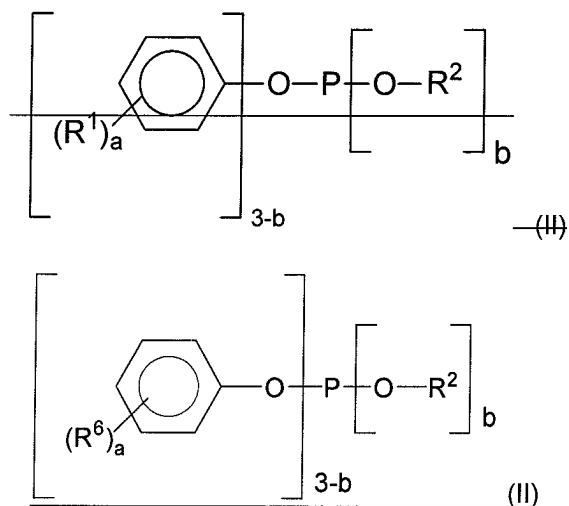
10. (currently amended) The process of claim 9 7 wherein said phosphite is selected from the group consisting of nonylphenyl diisodecyl phosphite, di-nonylphenyl diisodecyl phosphite, bis(nonylphenyl)isodecyl phosphite and bis(di-nonylphenyl)isodecyl phosphite ~~para-cumyl phenyl diisodecyl phosphite and bis para-cumyl isodecyl phosphite.~~

11. (currently amended) The process of claim 40 7 wherein said polymer resin is a halogenated resin.

12. The process of claim 11 wherein said halogenated resin is polyvinyl chloride.

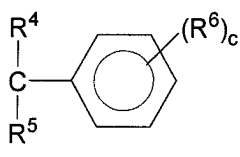
13. (currently amended) A process for reducing phenol emissions from a polymer resin comprising the step of adding at least one phosphite additive to said resin, said at least one phosphite selected from the group consisting of formulas (I) and (II)





wherein

R^1 is



R^2 is selected from the group consisting of C_{8-16} alkyls;

R^3 is selected from the group consisting of C_{1-4} ~~alkyls~~ alkylenes;

m is ~~an integral value ranging from 0 to 1 inclusive~~;

a is an integral value ranging from 1 to 4 inclusive;

b is an integral value ranging from 1 to 2 inclusive;

R^4 and R^5 are independently selected from the group consisting of C_{1-3} alkyls;

R^6 is selected from the group consisting of C_{8-12} alkyls and C_{8-12} alkoxy compounds;

c is an integral value ranging from 0 to 4 inclusive; and

d is equal to m .

14. (currently amended) The process of claim 13 wherein

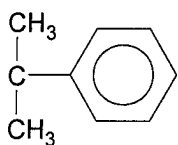
R^2 is $C_{10}H_{21}$;

R^3 is selected from the group consisting of ethylene and propylene alkyls;

- m is ~~1~~;
a is 1;
R⁴ and R⁵ are methyl;
c is 0; and
d is 1.

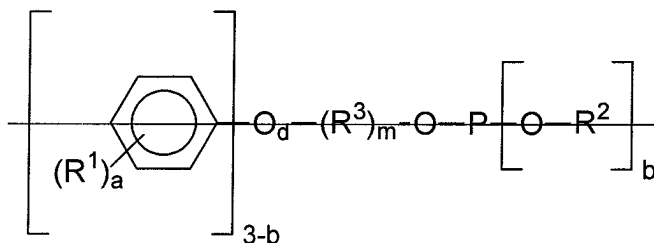
15. The process of claim 14 wherein

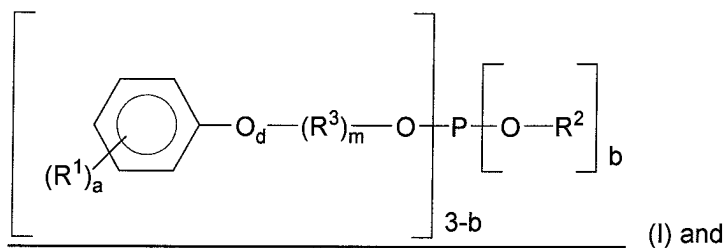
R¹ is



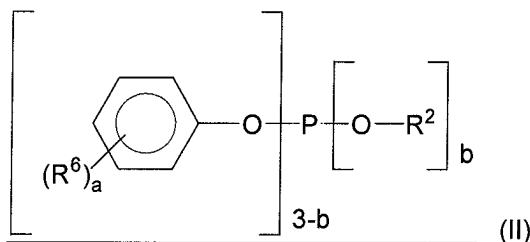
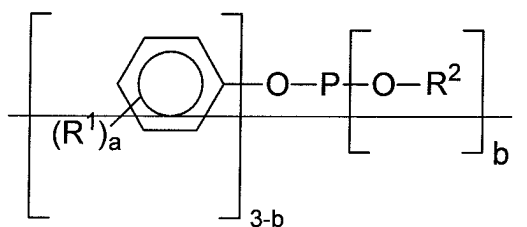
16. (currently amended) The process of claim 15 wherein said phosphite is selected from the group consisting of ethoxy-paracumylphenyl diisodecyl phosphite, and propoxy-paracumylphenyl diisodecyl phosphite, ~~para-cumyl-phenyl-diisodecyl phosphite and bis para-cumyl-isodecyl phosphite.~~
17. (currently amended) The process of claim ~~16~~ 13 wherein said polymer resin is a halogenated resin.
18. The process of claim 17 wherein said halogenated resin is polyvinyl chloride.
19. (currently amended) A process for reducing the emission of phenol from a polymer resin which comprises replacing at least a portion of a phosphite additive which emits phenol from said resin with a phosphite composition selected from the group consisting of

formula (I)



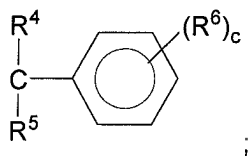


formula (II)



wherein

R^1 is



R^2 is selected from the group consisting of C_{8-16} alkyls;

R^3 is selected from the group consisting of C_{1-4} alkyls alkylenes;

m is an integral value ranging from 0 to 1 inclusive;

a is an integral value ranging from 1 to 4 inclusive;

b is an integral value ranging from 1 to 2 inclusive;

R^4 and R^5 are independently selected from the group consisting of C_{1-3} alkyls;

R^6 is selected from the group consisting of C_{8-12} alkyls and C_{8-12} alkoxy compounds;

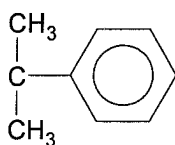
- c is an integral value ranging from 0 to 4 inclusive; and
d is equal to m.

20. (currently amended) The process of claim 19 wherein

- R^2 is $C_{10}H_{21}$;
 R^3 is selected from the group consisting of ethylene and propylene alkyls;
~~m~~ is 1;
a is 1;
 R^4 and R^5 are methyl;
c is 0; and
d is 1.

21. The process of claim 20 wherein

- R^1 is



22. (deleted).

23. (currently amended) The process of claim 22 21 wherein said phosphite is selected from the group consisting of ethoxy-paracumylphenyl diisodecyl phosphite and propoxy-paracumylphenyl diisodecyl phosphite.

24. (deleted).

25. (currently amended) The process of claim 22 19 wherein said polymer resin is a halogenated resin.

26. The process of claim 25 wherein said halogenated resin is polyvinyl chloride.